

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M97380
Date Received: 11/03/05
Date Extracted: 11/09/05
Date Analyzed: 11/09/05
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: PO# M97380, F&BI 511035
Lab ID: 511035-01
Data File: 11-08-05.sam
Instrument: ICPMS1
Operator: btb

Elements:	Concentration ug/L (ppb)
Chromium	927
Nickel	1,100
Copper	1,330
Zinc	134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank
Date Received: NA
Date Extracted: 11/09/05
Date Analyzed: 11/09/05
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: PO# M97380, F&BI 511035
Lab ID: I5-305 mb
Data File: 11-08-05.sam
Instrument: ICPMS1
Operator: btb

Elements:	Concentration ug/L (ppb)
Chromium	<50
Nickel	<50
Copper	<50
Zinc	<50

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: 11/15/05

Date Received: 11/03/05

Project: Metro Self Monitor, PO# M97380, F&BI 511035

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR METALS BY EPA METHOD 200.8**

Laboratory Code: 511009-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	<50	<50	nm	0-20
Nickel	ug/L (ppb)	<50	118	nm	0-20
Copper	ug/L (ppb)	<50	<50	nm	0-20
Zinc	ug/L (ppb)	<50	<50	nm	0-20

Laboratory Code: 511009-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	<50	81	50-150
Nickel	ug/L (ppb)	20	<50	96	50-150
Copper	ug/L (ppb)	20	<50	99	50-150
Zinc	ug/L (ppb)	50	<50	106	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	90	70-130
Nickel	ug/L (ppb)	20	100	70-130
Copper	ug/L (ppb)	20	101	70-130
Zinc	ug/L (ppb)	50	107	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 15, 2005

DUPLICATE COPY

INVOICE # 05ACU1115-2

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M97380, F&BI 511035 - Results of testing
requested by Gerry Thompson for material submitted on November 3, 2005.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc
by Method 200.8 @ \$80 per sample \$ 80.00

Amount Due \$ 80.00

FEDERAL TAX ID # (b) (6)

511035

SAMPLE CHAIN OF CUSTODY

CM 11-03-05

AI4

Send Report To GERALD Thompson
 Company ALASKAN COPPER WORKS
 Address 628 S. HANFORD ST
 City, State, ZIP SEATTLE WA 98134
 Phone # 206-382-8379 Fax # 206-382-9309

SAMPLER'S (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>METRO SELS monitor</u>	PO # <u>M 97380</u>
REMARKS	

Page # _____ of _____
TURNAROUND TIME <input type="checkbox"/> Standard (2 Weeks) <input type="checkbox"/> RUSH Rush charges authorized by: _____
SAMPLE DISPOSAL <input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	CEC by 4172N				
M 97380	01	11/3/05	12:20	H ₂ O	1							X				

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>G. Thompson</u>	<u>ACW</u>	<u>11/3/05</u>	<u>2:00pm</u>
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>FBI</u>	<u>11/3/05</u>	<u>V</u>
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 15, 2005

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

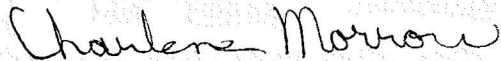
Dear Mr. Thompson:

Included are the results from the testing of material submitted on November 3, 2005 from the Metro Self Monitor, PO# M97380, F&BI 511035 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow
Chemist

Enclosures
ACU1115R.DOC